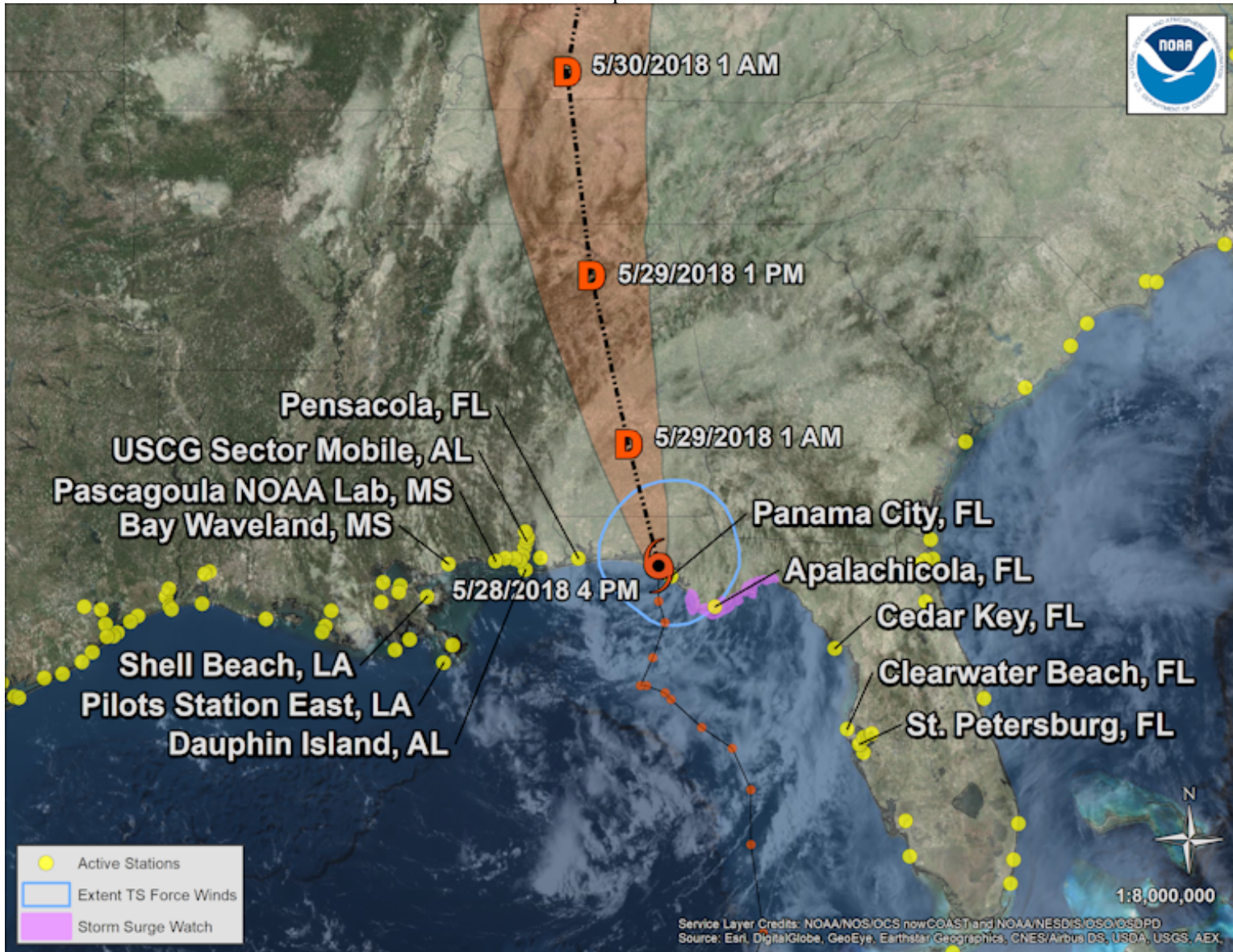




Subtropical Storm Alberto QuickLook Posted: 17:00 CDT 05/28/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/28/2018 17:00 CDT, water levels across the eastern Gulf of Mexico from southeastern Louisiana to Florida remain elevated and generally range between 1.0 and 2.5 feet above tidal predictions with the highest observed residuals from Panama City to Cedar Key. Water levels in upper Mobile Bay are only about 0.5 feet above normal tide levels. Despite the high residuals, stations in the region have recently experienced high tide over the past few hours. The combination of the tide receding and Alberto moving inland means that water levels have likely reached

their peak for the storm unless heavy runoff from excessive rainfall raises water levels at tide stations in or around rivers.

Due to a software issue, water levels at **8729210 Panama City Beach**, which is just to the east of landfall are unable to be included in QuickLook. Water levels thus far at this station have reached just over 1.6 feet above Mean Higher High Water (MHHW). Real-time water level data along with links to the latest meteorological observations including winds and barometric pressure can be found [here](#).

Winds at Panama City, Panama City Beach and Apalachicola, FL have reached 30-35 knots over the past few hours with some gusts of up to 45 knots measured at Apalachicola. Elsewhere winds are generally 25 knots or less with slightly higher gusts. Barometric pressure is still falling from Pensacola, FL westward but has bottomed out from Panama City, FL eastward.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit [Coastal Inundation Dashboard](#). For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website.

For more information or archived products and reports, please visit the [Storm QuickLook](#) Homepage.

Analyst: PFF

Select [National Hurricane Center](#) Advisory Information:

Subtropical Storm Alberto Advisory Number 15
NWS National Hurricane Center Miami FL AL012018
400 PM CDT Mon May 28 2018

...CENTER OF ALBERTO MAKING LANDFALL NEAR LAGUNA BEACH FLORIDA...
...HEAVY RAINFALL AND FLASH FLOODING OCCURRING OVER PARTS OF THE
FLORIDA PANHANDLE...

SUMMARY OF 400 PM CDT...2100 UTC...INFORMATION

LOCATION...30.3N 85.9W
ABOUT 15 MI...20 KM WNW OF PANAMA CITY FLORIDA
MAXIMUM SUSTAINED WINDS...45 MPH...75 KM/H
PRESENT MOVEMENT...N OR 355 DEGREES AT 9 MPH...15 KM/H
MINIMUM CENTRAL PRESSURE...994 MB...29.36 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

All watches and warnings east of the Aucilla River have been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

* Aucilla River to Mexico Beach

A Tropical Storm Warning is in effect for...

* Aucilla River to the Alabama/Florida border

A Storm Surge Watch means there is a possibility of life- threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 400 PM CDT (2100 UTC), the center of Subtropical Storm Alberto was located near latitude 30.3 North, longitude 85.9 West. The storm is moving toward the north near 9 mph (15 km/h). A faster northward to north-northwestward motion is expected during the next few days. On the forecast track, the center of Alberto will move over Alabama later tonight and Tuesday. The system is forecast to move over the Tennessee Valley on Tuesday and into the Ohio Valley and Great Lakes region on Wednesday and Thursday.

Maximum sustained winds are near 45 mph (75 km/h) with higher gusts. Steady weakening is forecast as Alberto moves inland, and Alberto is expected to become a subtropical depression tonight or early Tuesday, and degenerate into a remnant low by Tuesday afternoon.

Winds of 40 mph extend outward up to 90 miles (150 km) from the center. The official observing site at Panama City recently reported a sustained wind of 40 mph (65 km/h) and a gust to 59 mph (95 km/h). An automated weather station near St. Andrew Bay measured a sustained wind of 44 mph (70 km/h) with a gust to 52 mph (83 km/h) within the past couple of hours.

The estimated minimum central pressure is 994 mb (29.36 inches).

HAZARDS AFFECTING LAND

-RAINFALL: Alberto is expected to produce the following rain accumulations through Tuesday:

The Florida panhandle across eastern and central Alabama and western Georgia...4 to 8 inches, isolated 12 inches.

The Florida Keys and Florida peninsula...Additional 1 to 2 inches, isolated 5 inches.

Rest of the Southeast and Tennessee Valley into the lower mid Atlantic from Tennessee east through the Carolinas...2 to 6 inches.

Flooding and flash flooding are possible in the southeast United States, including Florida.

WIND: Tropical storm conditions will continue within portions of the warning area into this evening.

STORM SURGE: The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Acuilla River to Mexico Beach...1 to 3 ft

A National Ocean Service tide gauge at Apalachicola measured a water level of 2.99 ft above Mean Higher High Water earlier this afternoon.

The deepest water will occur along the immediate coast. Surge- related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: Isolated tornadoes are possible through tonight over parts of Georgia and southeast Alabama.

SURF: Swells generated by Alberto will continue to affect the eastern and northern Gulf Coast through Tuesday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 700 PM CDT.

Next complete advisory at 1000 PM CDT.

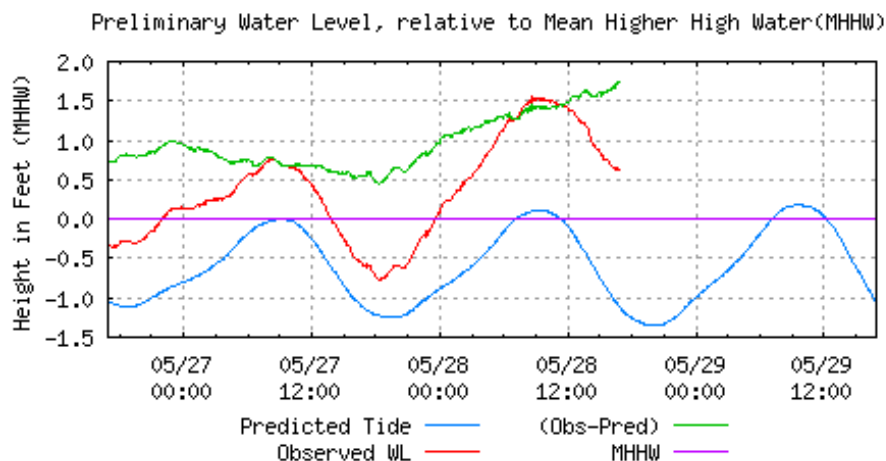
\$\$

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Pilots Station East, S.W. Pass - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [St. Petersburg, Tampa Bay - Water Level](#), [St. Petersburg, Tampa Bay - Winds](#), [St. Petersburg, Tampa Bay - Barometric](#)

NOAA/NOS/CO-OPS 8729108 Panama City, FL



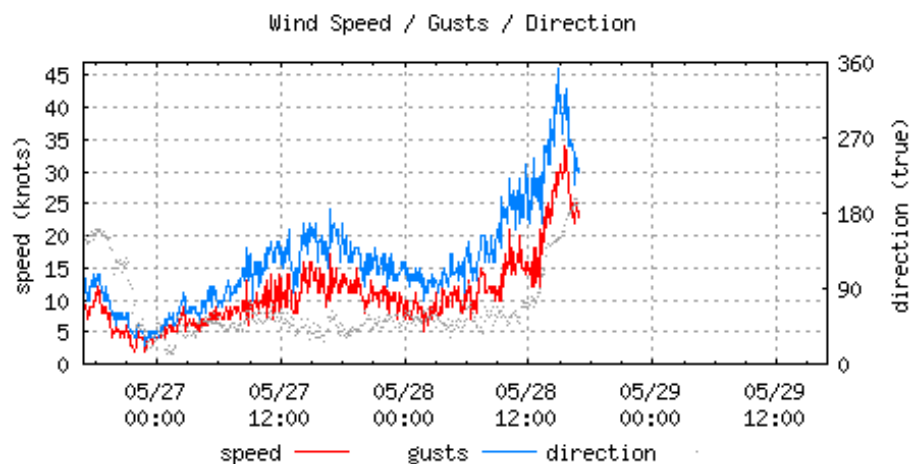
Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

Observed: 0.63 ft. Predicted: -1.11 ft. Residual: 1.74 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/29/2018 09:35 (CDT), 0.18 ft.

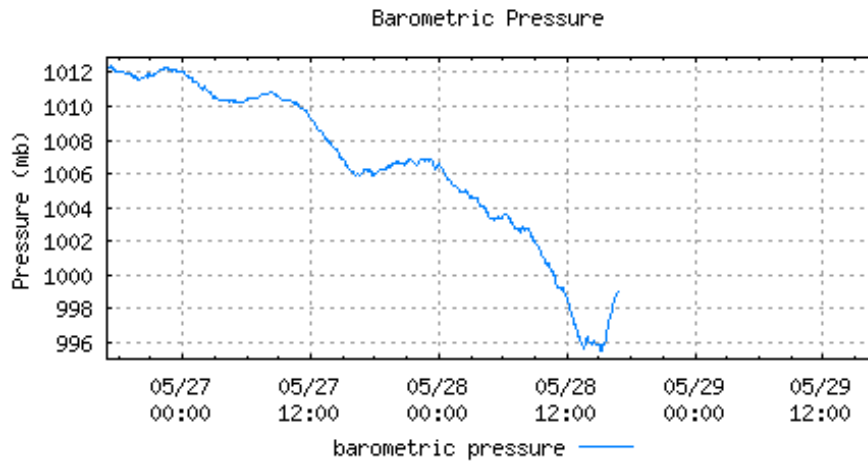
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/28/2018 16:48 (CDT)

Wind Speed: 23 knots Gusts: 30 knots Direction: 192° T

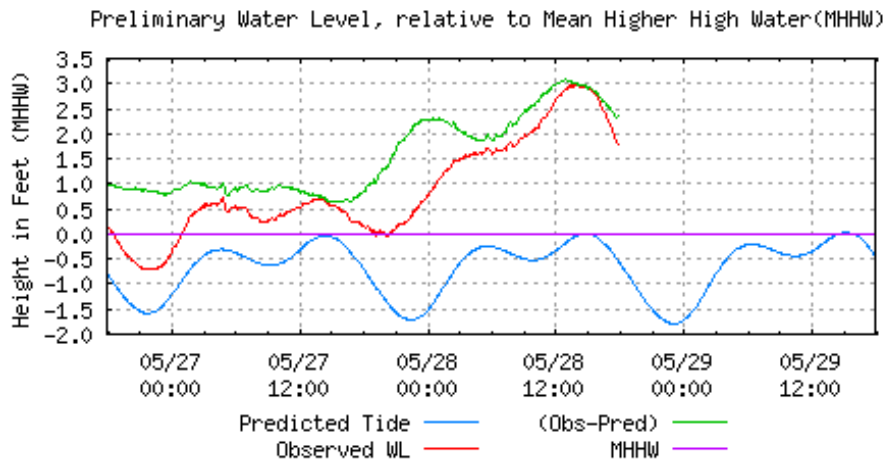
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/28/2018 16:48 (CDT)

Barometric Pressure: 999.0 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



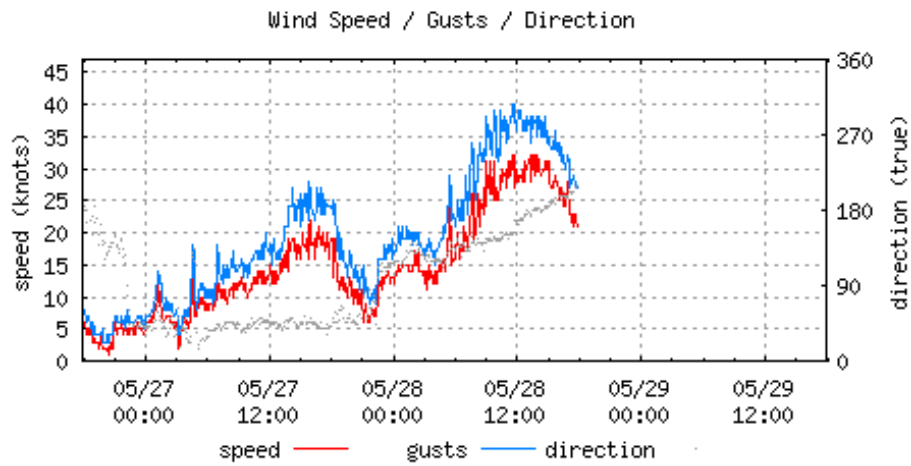
Last Observed Sample: 05/28/2018 17:54 (EDT). Data relative to MHHW

Observed: 1.77 ft. Predicted: -0.56 ft. Residual: 2.33 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/29/2018 06:19 (EDT), -0.21 ft.

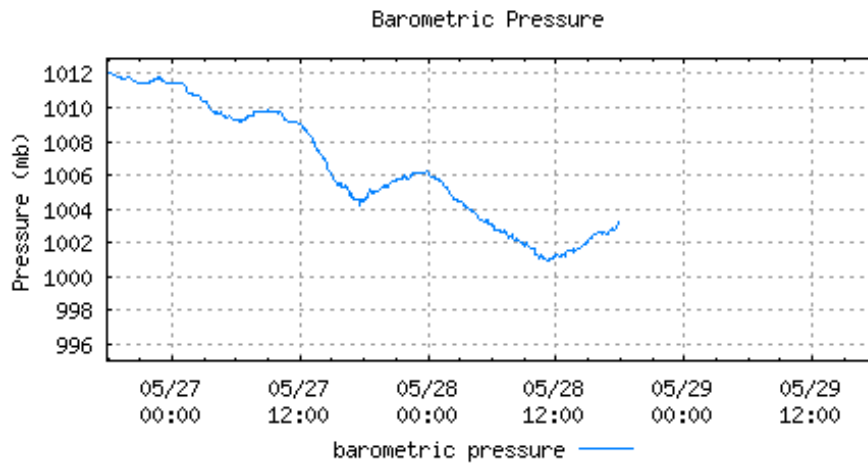
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/28/2018 17:54 (EDT)

Wind Speed: 23 knots Gusts: 25 knots Direction: 207° T

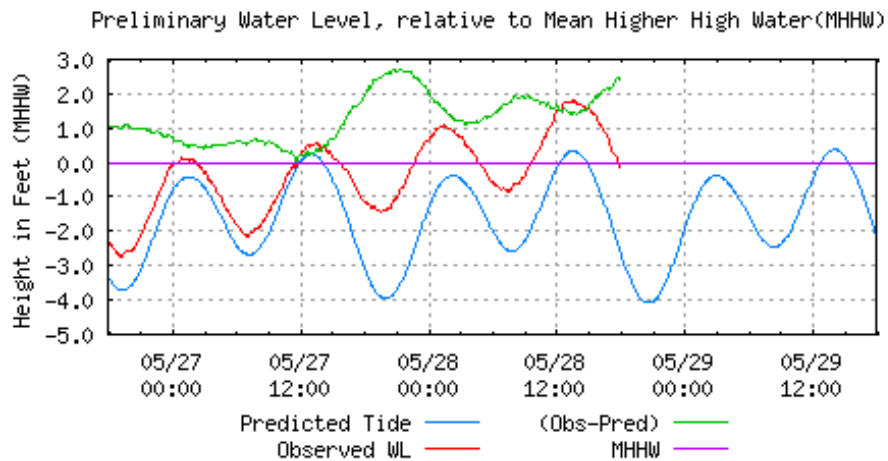
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/28/2018 17:54 (EDT)

Barometric Pressure: 1003.2 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



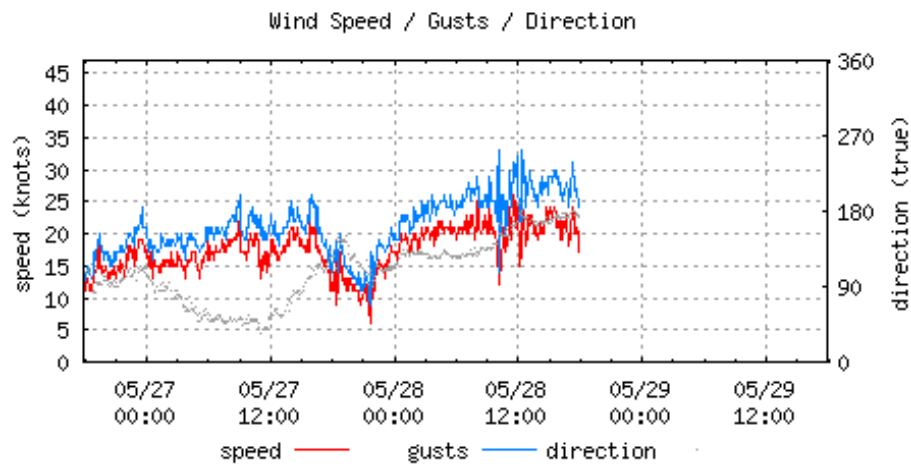
Last Observed Sample: 05/28/2018 17:54 (EDT). Data relative to MHHW

Observed: -0.15 ft. Predicted: -2.59 ft. Residual: 2.44 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/29/2018 02:52 (EDT), -0.39 ft.

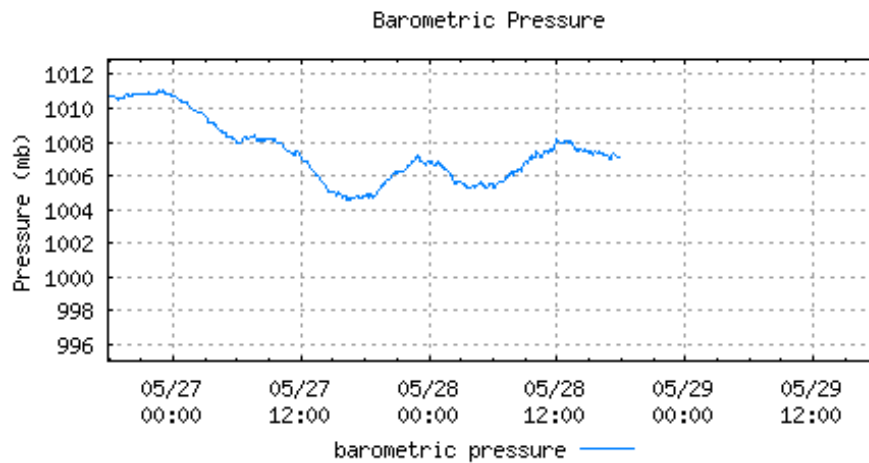
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/28/2018 17:54 (EDT)

Wind Speed: 17 knots Gusts: 25 knots Direction: 174° T

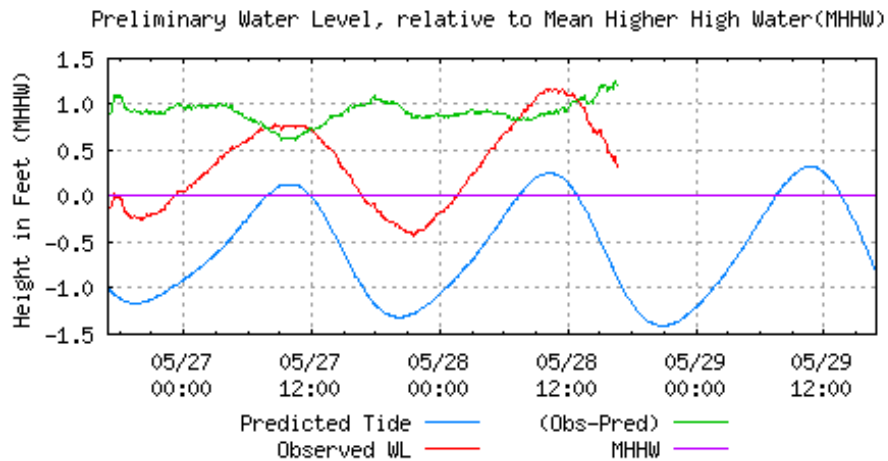
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/28/2018 17:54 (EDT)

Barometric Pressure: 1007.1 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



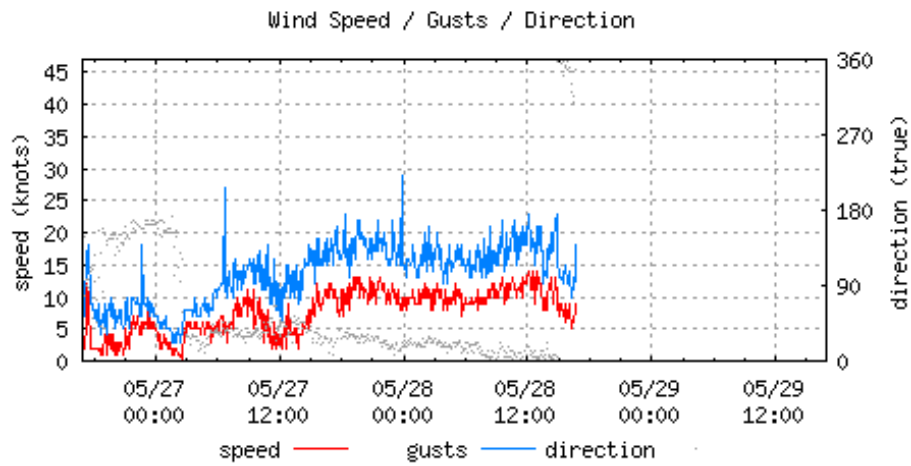
Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

Observed: 0.31 ft. Predicted: -0.93 ft. Residual: 1.24 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/29/2018 10:45 (CDT), 0.32 ft.

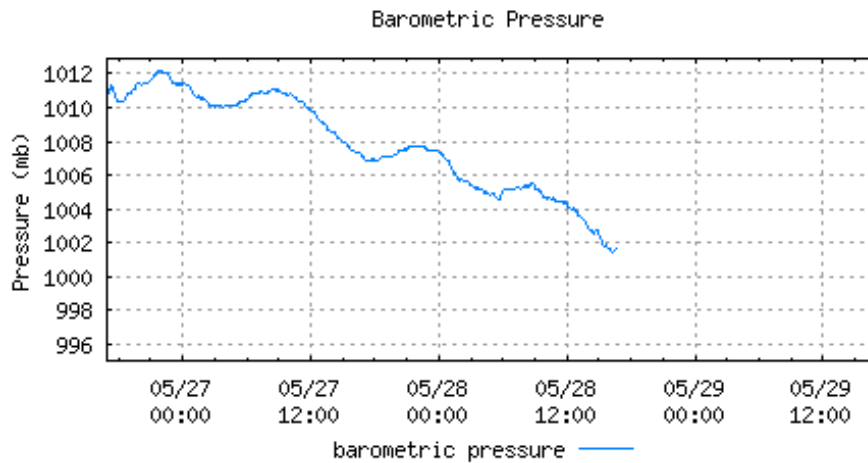
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/28/2018 16:48 (CDT)

Wind Speed: 9 knots Gusts: 14 knots Direction: 357° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

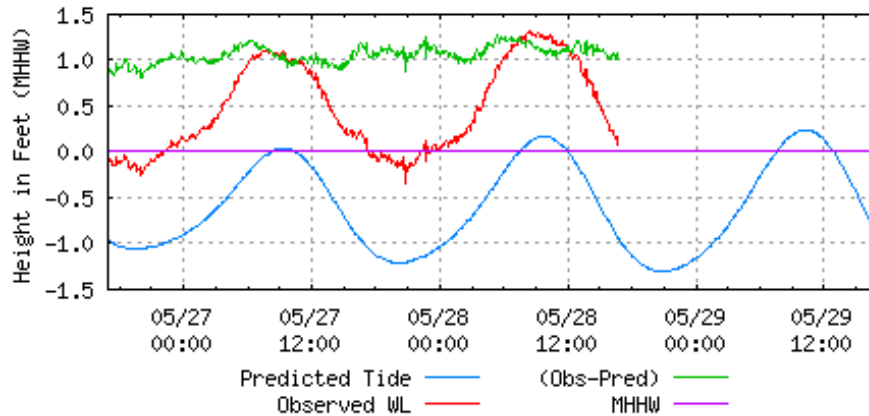


Last Observed Sample: 05/28/2018 16:48 (CDT)

Barometric Pressure: 1001.9 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

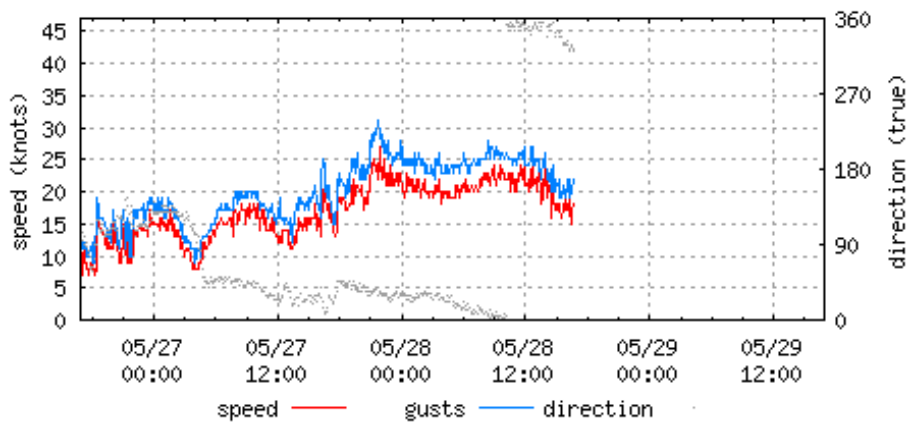
Observed: 0.08 ft. Predicted: -0.95 ft. Residual: 1.03 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/29/2018 10:17 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

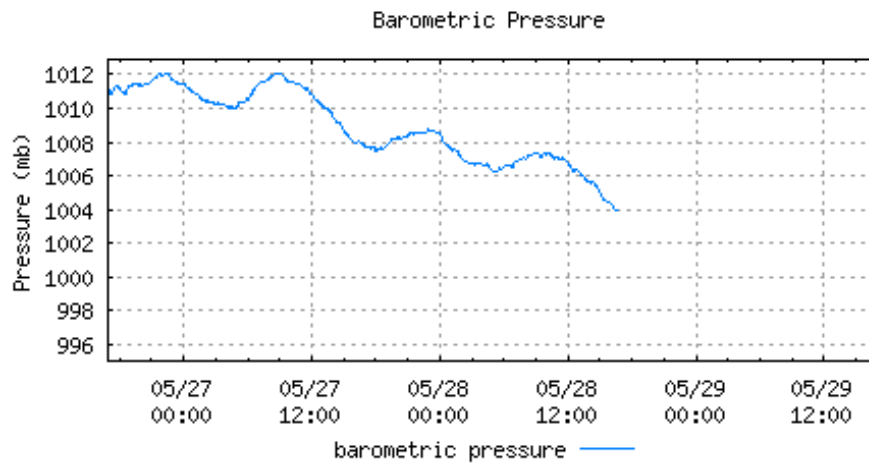
Wind Speed / Gusts / Direction



Last Observed Sample: 05/28/2018 16:48 (CDT)

Wind Speed: 19 knots Gusts: 21 knots Direction: 321° T

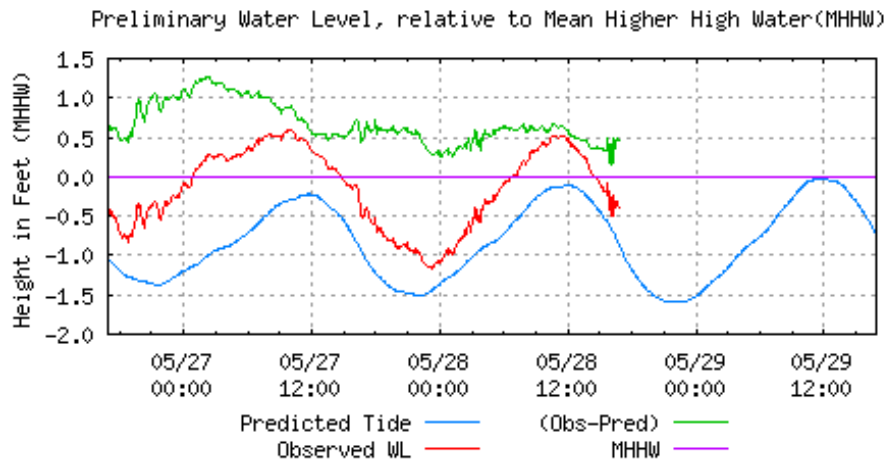
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/28/2018 16:48 (CDT)

Barometric Pressure: 1004.2 mb

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



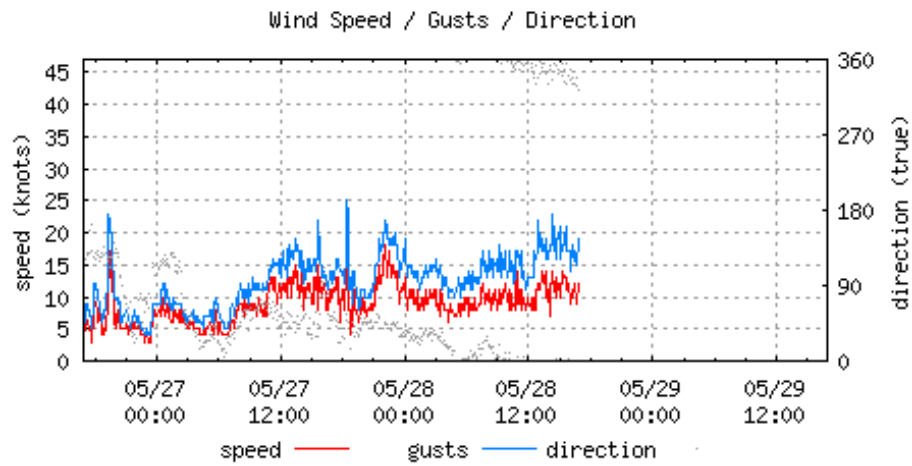
Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

Observed: -0.40 ft. Predicted: -0.86 ft. Residual: 0.46 ft.

Historical Maximum Water Level: Oct 8 2017, 5.38 ft.

Next High Tide: 05/29/2018 11:34 (CDT), -0.03 ft.

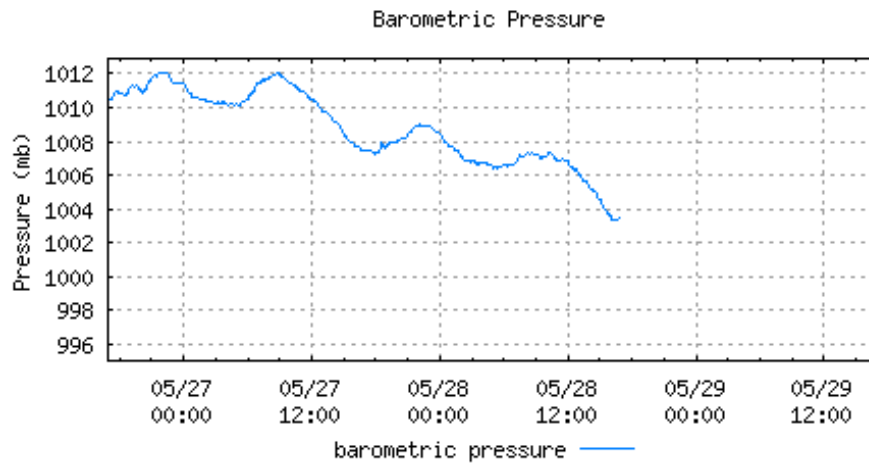
NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 05/28/2018 16:48 (CDT)

Wind Speed: 12 knots Gusts: 19 knots Direction: 324° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

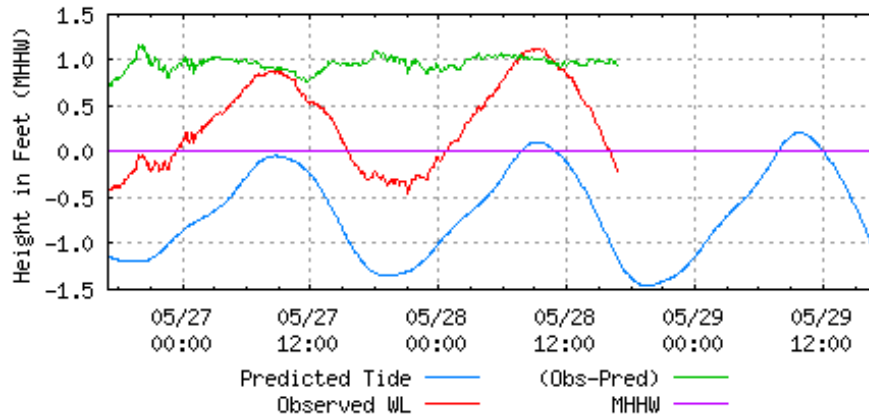


Last Observed Sample: 05/28/2018 16:48 (CDT)

Barometric Pressure: 1003.5 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

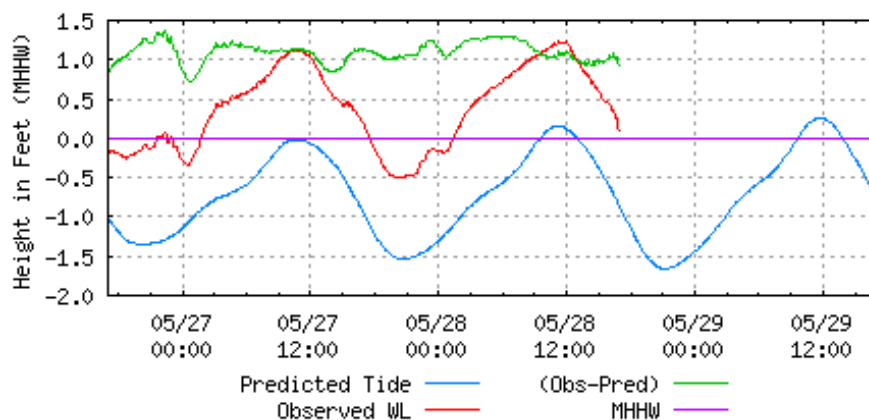
Observed: -0.22 ft. Predicted: -1.17 ft. Residual: 0.95 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/29/2018 09:47 (CDT), 0.21 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



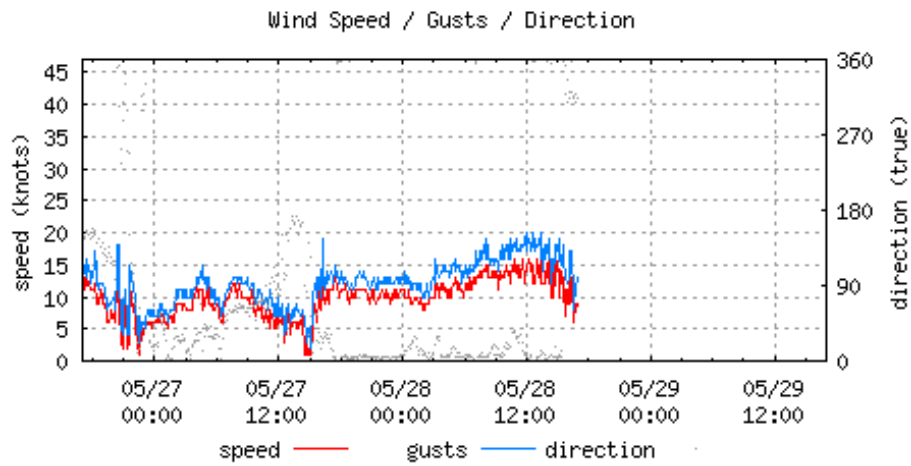
Last Observed Sample: 05/28/2018 16:54 (CDT). Data relative to MHHW

Observed: 0.09 ft. Predicted: -0.85 ft. Residual: 0.94 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/29/2018 11:44 (CDT), 0.26 ft.

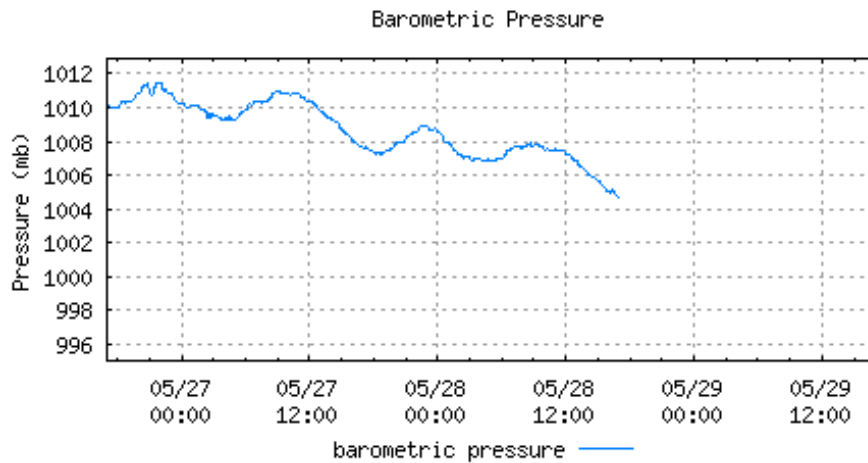
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/28/2018 16:54 (CDT)

Wind Speed: 9 knots Gusts: 13 knots Direction: 314° T

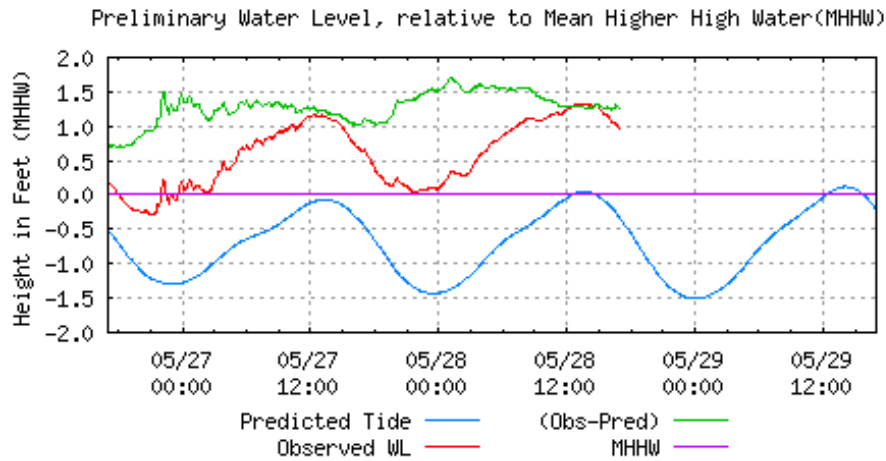
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/28/2018 16:54 (CDT)

Barometric Pressure: 1004.7 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



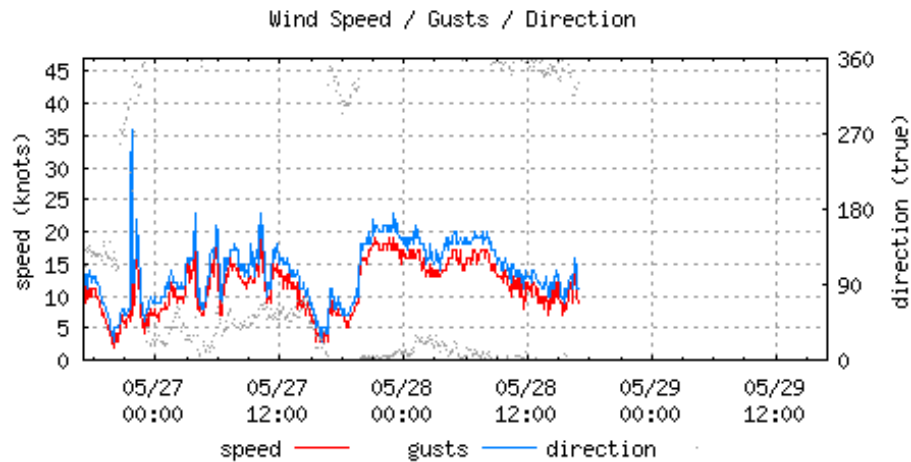
Last Observed Sample: 05/28/2018 16:54 (CDT). Data relative to MHHW

Observed: 0.95 ft. Predicted: -0.32 ft. Residual: 1.27 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/29/2018 14:07 (CDT), 0.12 ft.

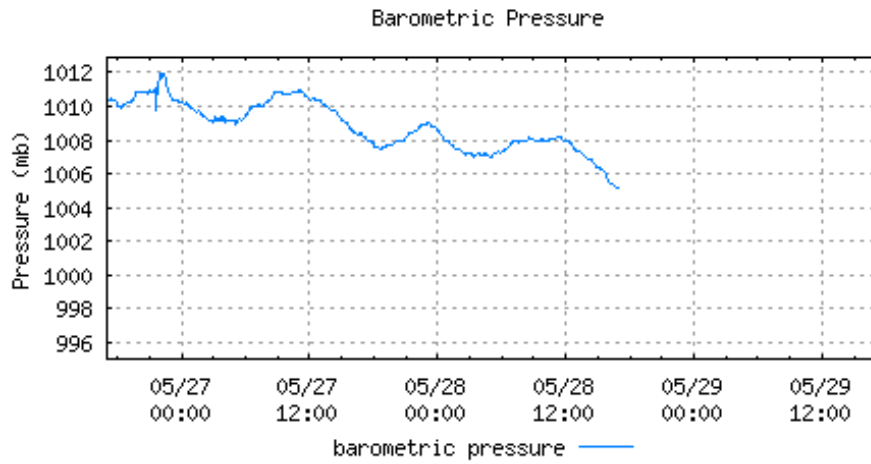
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/28/2018 16:54 (CDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 330° T

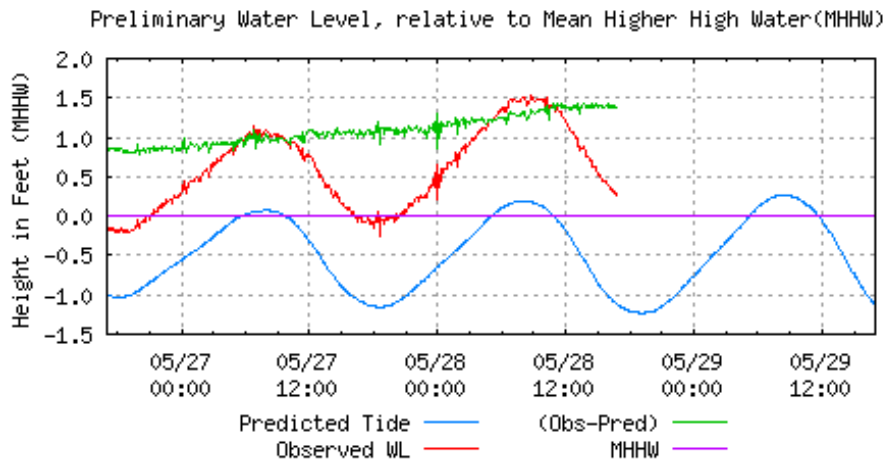
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/28/2018 16:54 (CDT)

Barometric Pressure: 1005.2 mb

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



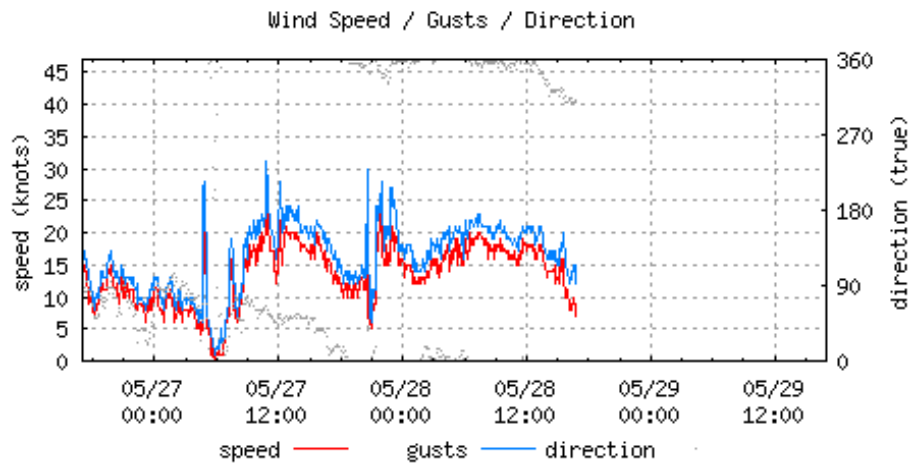
Last Observed Sample: 05/28/2018 16:48 (CDT). Data relative to MHHW

Observed: 0.28 ft. Predicted: -1.11 ft. Residual: 1.39 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/29/2018 08:23 (CDT), 0.26 ft.

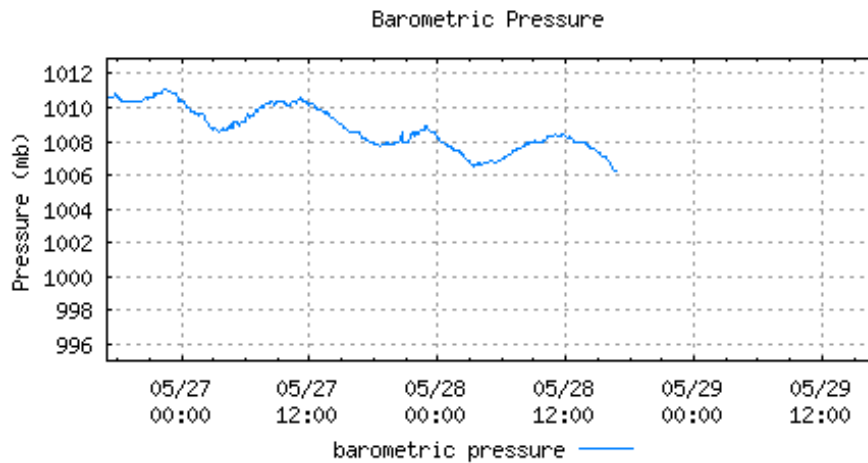
NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/28/2018 16:48 (CDT)

Wind Speed: 7 knots Gusts: 12 knots Direction: 311° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

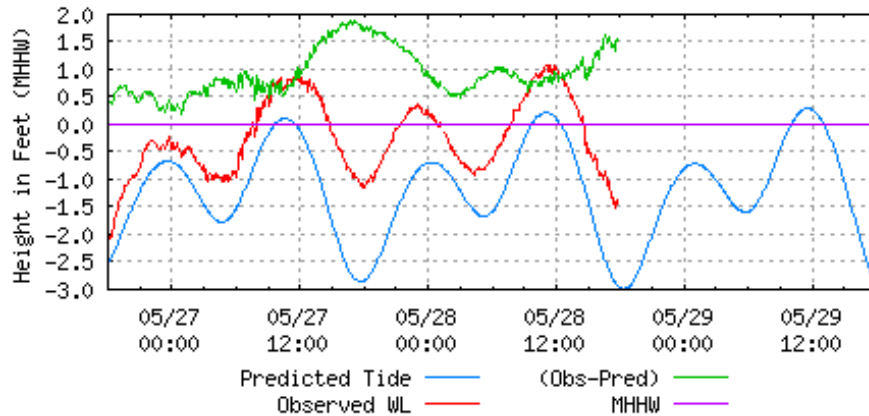


Last Observed Sample: 05/28/2018 16:48 (CDT)

Barometric Pressure: 1006.2 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 05/28/2018 17:48 (EDT). Data relative to MHHW

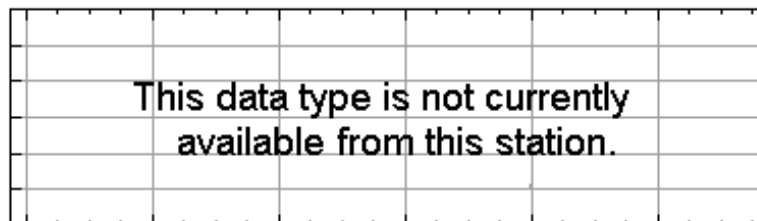
Observed: -1.44 ft. Predicted: -2.94 ft. Residual: 1.50 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/29/2018 01:00 (EDT), -0.72 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

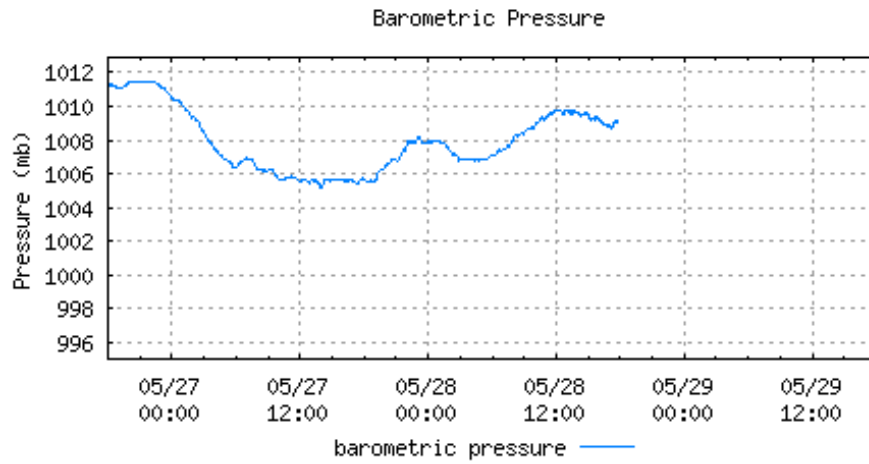
NOAA/NOS/CO-OPS



Last Observed Sample: 05/28/2018 17:48 (EDT)

Wind Speed: 20 knots Gusts: 23 knots Direction: 185° T

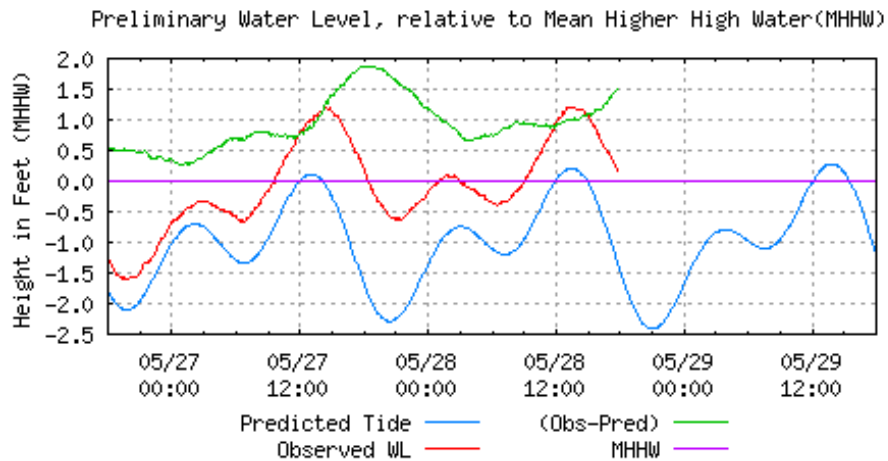
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/28/2018 17:48 (EDT)

Barometric Pressure: 1009.1 mb

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



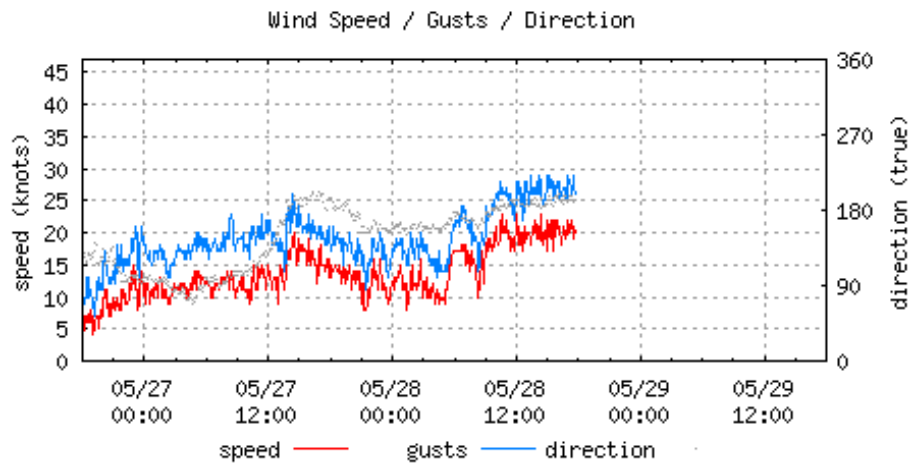
Last Observed Sample: 05/28/2018 17:42 (EDT). Data relative to MHHW

Observed: 0.18 ft. Predicted: -1.31 ft. Residual: 1.49 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 05/29/2018 03:51 (EDT), -0.79 ft.

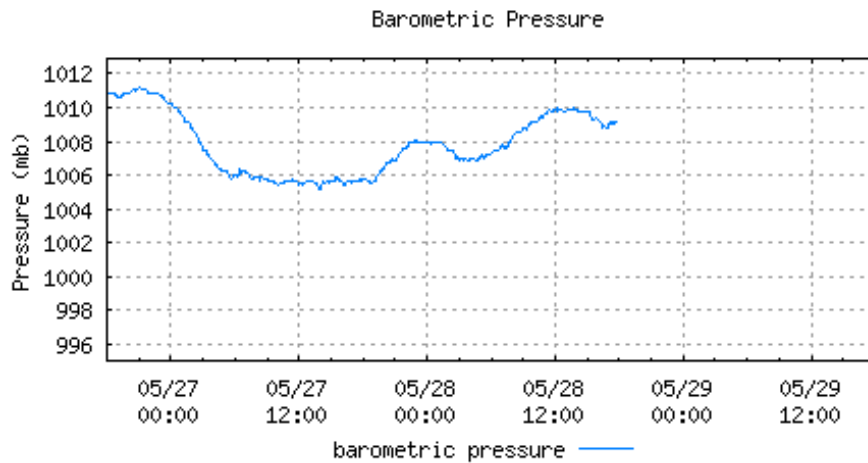
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/28/2018 17:42 (EDT)

Wind Speed: 20 knots Gusts: 26 knots Direction: 193° T

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/28/2018 17:42 (EDT)

Barometric Pressure: 1009.1 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8729108	Panama City, FL	05/28/2018 16:48 (CDT)	0.63 ft	-1.11 ft	1.74 ft	1.55 ft
8728690	Apalachicola, FL	05/28/2018 17:54 (EDT)	1.77 ft	-0.56 ft	2.33 ft	3.00 ft
8727520	Cedar Key, FL	05/28/2018 17:54 (EDT)	-0.15 ft	-2.59 ft	2.44 ft	1.80 ft
8729840	Pensacola, FL	05/28/2018 16:48 (CDT)	0.31 ft	-0.93 ft	1.24 ft	1.17 ft
8735180	Dauphin Island, AL	05/28/2018 16:48 (CDT)	0.08 ft	-0.95 ft	1.03 ft	1.32 ft
8736897	Coast Guard Sector Mobile, AL	05/28/2018 16:48 (CDT)	-0.40 ft	-0.86 ft	0.46 ft	0.52 ft
8741533	Pascagoula NOAA Lab, MS	05/28/2018 16:48 (CDT)	-0.22 ft	-1.17 ft	0.95 ft	1.13 ft
8747437	Bay Waveland Yacht Club, MS	05/28/2018 16:54 (CDT)	0.09 ft	-0.85 ft	0.94 ft	1.25 ft
8761305	Shell Beach, LA	05/28/2018 16:54 (CDT)	0.95 ft	-0.32 ft	1.27 ft	1.33 ft
8760922	Pilots Station East, S.W. Pass, LA	05/28/2018 16:48 (CDT)	0.28 ft	-1.11 ft	1.39 ft	1.54 ft
8726724	Clearwater Beach, FL	05/28/2018 17:48 (EDT)	-1.44 ft	-2.94 ft	1.50 ft	1.09 ft
8726520	St. Petersburg, Tampa Bay, FL	05/28/2018 17:42 (EDT)	0.18 ft	-1.31 ft	1.49 ft	1.21 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce